

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

September 30, 1988

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

Serial No. 88-603  
PES/NPW/cdk  
Docket Nos. 50-338  
50-339  
License Nos. NPF-7  
NPF-4

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY  
NORTH ANNA POWER STATION UNITS NO. 1 AND 2  
PROPOSED TECHNICAL SPECIFICATION CHANGE  
FUEL ENRICHMENT INCREASE

Pursuant to 10 CFR 50.90, Virginia Electric and Power Company requests amendments, in the form of changes to the Technical Specifications, to Operating Licenses NPF-4 and NPF-7 for North Anna Units No. 1 and 2, respectively. The proposed changes increase the allowable enrichment of fuel assemblies irradiated at North Anna to 4.3 w/o U-235.

An increase in the current North Anna Technical Specification limit of 4.1 w/o U-235 to 4.3 w/o will allow an increase in batch average discharge burnups to levels approaching the currently licensed limit of 45,000 MWD/MTU. The enrichments currently used limit the batch average burnup to a value of from 38,000 MWD/MTU to 42,000 MWD/MTU depending on the number of fuel assemblies loaded each cycle. An increase in the enrichment limit will result in significant fuel cycle cost savings and will allow accomplishment of fuel management goals.

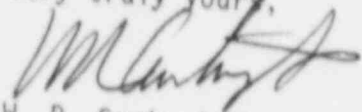
Attachments 1 and 2 provide the proposed changes to the Technical Specifications for Units 1 and 2. Attachment 3 is a safety evaluation of the proposed changes. These changes and the supporting documentation have been approved by the Station Nuclear Safety and Operating Committee and by the Safety Evaluation and Control Staff. It has been determined that this request does not pose any unreviewed safety question as defined in 10 CFR 50.59 nor does it pose a significant hazards consideration as defined in 10 CFR.92.

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FDR ADOCK 05000338  
PDC

Acc 1  
1/1  
w/check \$150

We have evaluated this request in accordance with the criteria in 10 CFR 170.12. A check in the amount of \$150 is enclosed as an application fee.

Very truly yours,



W. R. Cartwright  
Vice President - Nuclear

Attachments

1. Proposed Technical Specifications Changes - Unit 1
2. Proposed Technical Specifications Changes - Unit 2
3. Safety Evaluation
4. Application Fee

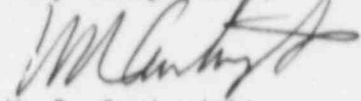
cc: U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, N.W.  
Suite 2900  
Atlanta, GA 30323

Mr. J. L. Caldwell  
NRC Senior Resident Inspector  
North Anna Power Station

Commissioner  
Department of Health  
109 Governor Street  
Richmond, Virginia 23219

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COMMONWEALTH OF VIRGINIA )  
  )  
COUNTY OF HENRICO                )

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by W. R. Cartwright who is Vice President - Nuclear, of Virginia Electric and Power Company. He is duly authorized to execute and file the foregoing document in behalf of that Company, and the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 30 day of September, 19 88.

My Commission expires: February 10, 19 89.

*Carolyn M. ...*  
Notary Public

(SEAL)